

EXTRAVASCULAR ANASTOMOTIC COMPONENTS AND METHODS FOR FORMING MAGNETIC ANASTOMOSES

ABSTRACT OF THE DISCLOSURE

Methods and devices using magnetic force to form an anastomosis between
5 hollow bodies. End-to-side, side-to-side and end-to-end anastomoses can be created without
using suture or any other type of mechanical fasteners, although such attachment means may be
used in practicing some aspects of the invention. Magnetic anastomotic components may be
attached to the exterior of a vessel, e.g., by adhesive, without extending into the vessel lumen.
Various magnetic component configurations are provided and may have different characteristics,
10 for example, the ability to match the vessel curvature or to frictionally engage the vessel.